

**THE APHIDS (HOMOPTERA: APHIDIDAE) OF  
BRITISH COLUMBIA**

**3. ADDITIONS AND CORRECTIONS<sup>1</sup>**

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ABSTRACT

Forty-eight species of aphids are added to the basic taxonomic list of the aphids of British Columbia. New host records, corrections, and some name changes are also included.

**Introduction**

The basic taxonomic list of the aphids of British Columbia was published last year in this Journal (Forbes, Frazer, and MacCarthy 1973). That list recorded 213 species collected from 255 hosts or in traps.

The present list adds 48 species of aphids (indicated with an asterisk in the list) and 128 aphid-host plant associations to the first list. Thirty-nine of the new aphid-host plant combinations involve plant species not in the previous list. The additions recorded here bring the number of known aphid species in British Columbia to 261.

This new information is based on collections made by the staff of the

Vancouver Research Station, on records supplied by Dr. A. G. Robinson of material he collected in British Columbia, and on records supplied by Dr. G. A. Bradley of *Cinera* species collected in the province. Five records from literature are included.

The present paper also includes certain corrections to the basic taxonomic list and some changes in generic and specific names in conformity with current usage in aphid taxonomy.

As in the previous list, the aphids are arranged alphabetically by species. The location of each collection site can be determined from Table 1 of the basic list or from Table 1 of the present list. The reference points are the same as those shown on the map which accompanies the basic list.

<sup>1</sup>Contribution No. 325, Research Station, 6660 N. W. Marine Drive, Vancouver, British Columbia, V6T 1X2.

Table 1. Localities where aphids were collected, with airline distances from 8 reference points.

Locality	Reference point	Dir.	Distance		Locality	Reference point	Dir.	Distance	
			km	mi				km	mi
Alice Lake	Vancouver	N	53	33	Malakwa	Kamloops	E	112	70
Barkerville	Williams Lake	NE	114	71	Nanaimo	Victoria	NW	91	57
Boston Bar	Vancouver	NE	144	90	Nirinat Lake	Victoria	W	102	64
Boulder Creek	Creston	E	107	67	Okanagan Lake	Kelowna	N	21	13
Cascade	Creston	W	125	78	Princeton	Vancouver	E	198	124
Clearwater	Kamloops	NE	119	69	Radium Hotsprings	Creston	N	176	110
Comox	Victoria	NW	179	112	Rurland	Kelowna	N	6	4
Cordova Bay	Victoria	E	5	3	Schelt	Vancouver	NW	45	28
Cowichan Lake	Victoria	NW	81	52	Shingle Creek	Kelowna	S	45	28
Dawson Creek	Prince George	NE	259	162	Shuswap Falls	Kamloops	NE	69	43
Englishman River	Victoria	NW	114	71	Shuswap Lake	Kamloops	NE	50	31
Falls Park	Vancouver	NE	34	21	Slocan	Creston	NW	104	65
Granite Falls	Vancouver	N	13	8	Surrey	Vancouver	E	24	15
Horseshoe Bay	Vancouver	N	13	8	Tofino	Victoria	NW	202	126
Jordan River	Victoria	W	50	31	Trout Creek	Kelowna	S	37	23
Kaslo	Creston	N	96	60	Tsawwassen	Vancouver	S	29	18
Keremeos	Kelowna	S	78	49	Vernon	Kelowna	N	48	30
Kootenay Park	Creston	N	72	45	Westbank	Kelowna	W	15	8

## LIST OF SPECIES

- ABIETICOLA** (Cholodkovsky). **CINARA**  
*Abies grandis*: Chilliwack, Jun 9 / 64.  
*Abies lasiocarpa*: Vernon, Jun 16 / 56.
- ABIETINUM** (Walker). **ELATOBIMUM**  
*Picea* sp: Vancouver, Mar 11 / 73.  
 May 16 / 73.
- AEGOPODII** (Scopoli). **CAVARIELLA**  
*Apium graveolens*: Cloverdale, Aug  
 7 / 59, Aug. 18 / 59.  
*Daucus carota*: Cloverdale, Jun 19 / 59;  
 Saanich, Jul 10 / 59; Vancouver, Aug  
 6 / 66.  
*Pastinaca sativa*: Vancouver, May  
 23 / 58.
- AGATHONICA** Hottes. **AMPHOROPHORA**  
 Previously listed as AMPHOROPHORA  
**RUBI** (Kaltenbach).
- ALBIFRONS** Essig. **MACROSIPHUM**  
*Lupinus* sp: Vancouver, Aug 3 / 66.
- ALNI** (DeGeer). **PTEROCALLIS**  
*Alnus rubra*: Granite Falls, Jun 26 / 66;  
 Vancouver (UBC), Aug 25 / 72.
- ALNIFOLIAE** Williams. **PROCIPHILUS**  
 Previously listed as PROCIPHILUS  
**CORRUGATANS** (Sirrime).
- AMBROSIAE** (Thomas). **DACTYNOTUS**  
*Hypochoeris radicata*: Vancouver  
 (UBC), Aug 25 / 72.
- \*ANNULATUS** (Hartig). **TUBERCULOIDES**  
*Quercus robur*: Chilliwack, Jun 22 / 66;  
 Vancouver, Aug 29 / 72.
- \*ARIZONICA** (Wilson). **CINARA**  
*Pinus ponderosa*: Okanagan Lake, Jun  
 18 / 62.
- \*ARUNDINARIA** (Essig). **TAKECALLIS**  
*Pseudosasa japonica*: North Vancouver,  
 Oct 7 / 72.
- ATRIPLICIS** (Linnaeus). **BRACHYCOLUS**  
*Chenopodium album*: Grand Forks, Jul  
 29 / 59.
- AVENAE** (Fabricius). **MACROSIPHUM**  
*Avena sativa*: Agassiz, Aug 2 / 57; Cres-  
 ton, Jul 31 / 57; Vancouver, Jul 2 / 57,  
 Aug 29 / 57; Vancouver (UBC), Jun  
 5 / 58, Aug 1 / 56.  
 \* Aphid species not in the previous list.
- BERBERIDIS** (Kaltenbach). **LIOSOMAPHIS**  
*Berberis thunbergii*: Chilliwack, Jun  
 7 / 64.
- \*BETULAECOLENS** (Fitch). **CALAPHIS**  
*Betula* sp: Vancouver, May 16 / 59.
- BETULICOLA** (Kaltenbach). **CALAPHIS**  
*Betula pendula*: Victoria, Aug 2 / 65.
- BICOLOR BICOLOR** (Oestlund). **PTEROCOMMA**  
*Populus trichocarpa*: Summerland, Sep  
 5 / 65.
- BRAGGII** (Gillette). **CINARA**  
 Previously listed as BRAGGI due to a  
 typographical error.  
*Picea abies*: Chilliwack, Jun 7 / 64.  
*Picea sitchensis*: Nitinat Lake, Jun 2 / 56.
- BRASSICAE** (Linnaeus). **BREVICORYNE**  
*Brassica napobrassica*: Barnhartvale, Oct  
 4 / 56; Cloverdale, Aug 30 / 56; Cor-  
 dova Bay, Aug 11 / 53; Ladner, Aug  
 29 / 56; Saanich, Aug 21 / 60; Surrey,  
 Aug 29 / 56.  
*Brassica oleracea* var *capitata*: Agassiz,  
 Jul 16 / 58.  
*Brassica oleracea* var *gemmifera*: Abbots-  
 ford, Sep 13 / 65; Vancouver, Feb  
 25 / 57.
- \*BREVIPILOSA** Börner. **BETULAPHIS**  
*Betula* sp: Vancouver, Jul 13 / 59.
- BREVISPINOSA** (Gillette & Palmer). **CINARA**  
*Pinus contorta*: Cowichan Lake, Jun  
 8 / 56.
- BULBOSA** (Richards). **FULLAWAYA**  
 Previously listed as PLOCAMAPHIS  
**BULBOSA** Richards.
- CALIFORNICUM** (Clarke). **MACROSIPHUM**  
*Salix* sp: Chilliwack, Jun 8 / 64.
- CALIFORNIENSIS** (Shinji). **PERIPHYL-  
 LUS**  
*Acer circinatum*: Vancouver, May  
 16 / 73; Vancouver (UBC), May 21 / 73.  
*Acer negundo*: Vancouver, May 13 / 73.
- \*CANADENSIS** Robinson. **KAKIMIA**  
*Lonicera involucrata*: Granite Falls, Jun  
 26 / 66 (Robinson, 1968).

- \***CAPILANOENSIS** Robinson, **AULACOR-  
THUM**  
*Rubus spectabilis*: Vancouver, Jul 19/68  
(Robinson, 1969).
- \***CARAGANAE** (Cholodkovsky), **ACYR-  
THOSIPHON**  
*Colutea arborescens*: Vancouver (UBC),  
Apr 26/72.
- CEANOTHI** Clarke, **APHIS**  
*Ceanothus velutinus*: Clearwater, Aug  
29/71.
- CERASI** (Fabricius), **MYZUS**  
*Prunus avium*: Victoria, Jun 5/59.  
*Prunus cerasifera*: Chilliwack, Jun  
25/66.  
*Prunus* sp: Oliver, Jun 3/56.
- \***CERASIFOLIAE** (Fitch), **RHOPALO-  
SIPHUM**  
*Prunus* sp: Soda Creek, Jun 15/56.  
*Prunus virginiana* var *demissa*: Pentic-  
ton, Sep 3/65; Williams Lake, May  
15/56.
- \***CERTUS** (Walker), **MYZUS**  
*Spergularia rubra*: Vancouver, Sep  
14/72.
- \***CHRYSOTHAMNI** Wilson, **APHIS**  
*Chrysothamnus nauseosus*: Summerland,  
Jul 26/68.
- CIRCUMFLEXUS** (Buckton), **AULACOR-  
THUM**  
*Chrysanthemum morifolium*: Vancou-  
ver, Jun 14/66 (in greenhouse).
- COLORADENSIS** (Gillette), **CINARA**  
*Picea sitchensis*: Comox, May 23/62.
- COLUMBIAE** Richards, **SITOMYZUS**  
*Agropyron repens*: Vancouver, May  
18/58.
- CORYLI** (Goeze), **MYZOCALLIS**  
*Corylus* sp: Vancouver, Aug 7/66.
- COSTATA** (Zetterstedt), **CINARA**  
*Picea glauca*: Boulder Creek, Jul 15/58.
- CRYSTLEAE** (Smith & Knowlton), **MAS-  
ONAPHIS**  
Previously listed as **CRYSTLEA** due to  
a typographical error.
- CURVIPES** (Patch), **CINARA**  
*Abies grandis*: Cowichan Lake, Jun  
27/56.
- \***CURVISPINOSUS**, Hottes, Essig &  
Knowlton, **SCHIZOLACHNUS**  
*Pinus ponderosa*: Slocan, Jul 5/63.
- CYPERI** (Walker), **TRICHOCELLIS**  
*Carex* sp: Vancouver, Sep 25/72.
- CYTISORUM** Hartig, **APHIS**  
*Laburnum watereri*: Chilliwack, Jun  
7/64.
- DIRHODUM** (Walker), **ACYRTHOSI-  
PHON**  
Previously listed as **METOPOLOPHI-  
UM DIRHODUM** (Walker).  
*Arena sativa*: Vancouver, Jul 2/57;  
Vancouver (UBC), Jun 5/58.  
*Rosa* sp: Erickson, Oct 8/58; Ladner,  
Jan 7/56; Vancouver, Mar 21/73, Mar  
25/73, Apr 23/66.
- ERIOPHORI** (Walker), **CERURAPHIS**  
*Carex* sp: Vancouver, Sep 28/72.
- ERYSIMI** (Kaltenbach), **HYADAPHIS**  
*Brassica oleracea* var *gemmifera*: Agas-  
siz, Aug 22/58.  
*Sisymbrium officinale*: Vancouver, Jul  
24/68.
- ESSIGI** (Gillette & Palmer), **KAKIMIA**  
*Aquilegia* sp: Vancouver, Sep 7/72.
- EUPHORBIAE** (Thomas), **MACROSI-  
PHUM**  
*Brassica oleracea* var *gemmifera*: Agas-  
siz, Aug 22/58; Vancouver, Jul 18/58.  
*Chenopodium album*: Agassiz, Jul 12/  
56; Brentwood, Jul 5/59.  
*Chrysanthemum morifolium*: Vancou-  
ver, Aug 22/58.  
*Geum macrophyllum*: Vancouver, Sep  
26/72.  
*Hypochoeris radicata*: Vancouver  
(UBC), Aug 25/72.  
*Lactuca sativa*: Cloverdale, May 15/59,  
May 26/59, Jun 12/59, Jun 22/59.  
*Rosa rugosa*: Vancouver (UBC), Jul  
15/59.  
*Rosa* sp: Brentwood, Jun 5/59; Creston,  
May 4/59; Milner, Jun 10/59; Pem-  
berton, Aug 24/56; Soda Creek, Jun  
15/56; Vancouver, Jun 17/59.
- FABAE** Scopoli, **APHIS**  
*Bidens cernua*: Vancouver, Sep 9/72.  
*Chenopodium album*: Brentwood, Jul  
5/59; Ladner, Sep 25/56; Lulu Island,  
Jul 8/58; Vancouver, Jul 7/56.  
*Impatiens glandulifera*: Horseshoe Bay,  
Aug 14/72.

- Lactuca sativa*: Cloverdale, Aug 7/59, Aug 18/59.
- Matricaria matricarioides*: Vancouver, Aug 29/72.
- Meconopsis cambrica*: Vancouver, Aug 27/72, Sep 17/72.
- Myosotis arvensis*: Vancouver, Sep 17/72.
- FAGI (Linnaeus). PHYLLAPHIS
- Fagus grandifolia*: Chilliwack, Jun 22/66.
- \*FARINOSA Gmelin. APHIS
- Salix sitchensis*: Vancouver, Jun 27/56.
- Salix* sp: Boston Bar, Jul 14/56; Granite Falls, Jun 26/66; Kootenay Park, Jul 26/67.
- \*FERRISI (Swain). CINARA
- Pinus monticola*: Sechelt, Aug 22/56.
- FIMBRIATA Richards. FIMBRIAPHIS
- Rosa* sp: Ladner, Jun 7/56; Milner, Jun 10/59; Soda Creek, Jun 15/56; Vancouver, Jun 17/59.
- Vaccinium* sp: Richmond, Jul 21/72.
- FLAVA (Davidson). OESTLUNDIELLA
- Alnus* sp: Alice Lake, Jun 21/68.
- Alnus tenuifolia*: Penticton, Sep 5/65.
- FORBESI Richards. AMPHOROPHORA
- Previously listed as FORBESI (Richards) due to a typographical error.
- FORNACULA Hottes. CINARA
- Picea sitchensis*: Tofino, Jun 24/62.
- Picea* sp: Vancouver, May 29/73.
- FRAGAEFOLII (Cockerell). CHAETOSIPHON
- Rosa* sp: Ladner, Jun 7/56; Soda Creek, Jun 15/56.
- FRAGARIAE (Walker). MACROSIPHUM
- Calamagrostis* sp: Vancouver, Jul 24/68.
- Gramineae*: Surrey, Jul 7/59.
- Rubus* sp: Vancouver (CDA), Jun 21/72 (in rearing room).
- GILLETTEI Davidson. EUCERAPHIS
- Alnus rubra*: Vancouver (UBC), Nov 17/72.
- Betula* sp: Chilliwack, Jul 21/59.
- HELICHRYSI (Kaltenbach). BRACHYCAUDUS
- Anaphalis margaritacea*: Granite Falls, Jun 26/66.
- Chrysanthemum frutescens*: Vancouver, Apr 30/58.
- Chrysanthemum morifolium*: Vancouver, Jan 13/57, Jan 14/57, May 28/59, Dec 25/52.
- Gnaphalium uliginosum*: Vancouver, Sep 12/72.
- Prunus domestica*: Vancouver, May 12/58, May 26/56; Victoria, Jun 5/59.
- HIPPOPHAES (Walker). CAPITOPHORUS
- Polygonum persicaria*: Vancouver, Sep 9/72.
- \*HOTTESI (Gillette & Palmer). CINARA
- Picea glauca*: Shuswap Falls, Jun 10/59.
- HUMILIS Walker. HYALOPTEROIDES
- Previously listed as HYALOPTEROIDES DACTYLIDIS (Hayhurst).
- HUMULI (Schränk). PHORODON
- Prunus cerasifera* var *pissardii*: Chilliwack, Jun 8/64.
- \*INSCRIPTA Hottes & Essig. CINARA
- Pinus albicaulis*: Westbank, Jun 13/56.
- \*INTERMEDIUS Gillette & Palmer. SYMYDOBIUS
- Betula occidentalis*: Shingle Creek, Sep 5/65.
- KIOWANEPUM (Hottes). MACROSIPHUM
- Previously listed as KIWANEPHUM due to a typographical error.
- KONOI Takahashi. CAVARIELLA
- Apium graveolens*: Victoria, Aug 6/53.
- \*KUCHEA Hottes. CINARA
- Pinus monticola*: Kaslo, Jun 22/56.
- LACTUCAE (Linnaeus). HYPEROMYZUS
- Sonchus asper*: Vancouver (UBC), Aug 10/72.
- \*LACTUCAE (Passerini). ACYRTHOSIPHON
- Lactuca serriola*: Saanich, Aug 21/59.
- LANIGERUM (Hausmann). ERIOSOMA
- Cotoneaster* sp: Vancouver (UBC), Oct 22/69.
- \*LARICIFOLIAE (Wilson). CINARA
- Larix occidentalis*: Lumby, Jun 16/62.
- \*LIGUSTRI (Mosley). MYZUS
- Ligustrum vulgare*: Vancouver, May 30/59, Aug 25/69.

- MACROSTACHYAE (Essig). CHAITOPHORUS  
*Salix argophylla*: Penticton. Sep 3/65.
- MAIDIS (Fitch). RHOPALOSIPHUM  
*Hordeum vulgare*: Dawson Creek. Aug 3/60.
- MAXIMA (Mason). MASONAPHIS  
*Rubus parviflorus*: Chilliwack. Jun 25/66.
- MEDISPINOSA (Gillette & Palmer). CINARA  
*Pinus contorta*: Lumby. Jun 16/62.
- \*MONELLI (Essig). CHAITOPHORUS  
*Salix* sp: Creston. Aug 13/58.
- \*MONOPHAGUS Maxson. PEMPHIGUS  
*Populus* sp: Quesnel. Jul/46.
- \*MULTISETIS Boudreaux & Tissot. MYZOCALLIS  
*Quercus coccinea*: Chilliwack. Jun 7/64.
- MURRAYANAE (Gillette & Palmer). CINARA  
*Pinus contorta*: Jordan River. Jun 2/55.
- NEGLECTUS Hottes & Frison. CHAITOPHORUS  
*Populus tremuloides*: Radium Hot-springs. Jul 26/67.
- NERVATA (Gillette). WAHLGRENIELLA  
*Rosa* sp: Ladner. Jun 7/56; Soda Creek. Jun 15/56.
- NIGRAE Oestlund. CHAITOPHORUS  
*Salix* sp: Princeton. Sep 7/65.
- \*NIGRIPES Bradley. CINARA  
*Picea sitchensis*: Comox. May 23/62.
- \*NIGROMACULOSUM Macdougall. MACROSIPHUM  
*Rosa nutkana*: Summerland. Sep 5/65.
- \*OBSCURA Bradley. CINARA  
*Picea engelmannii*: Barkerville. Jul 4/62.
- OCCIDENTALIS (Davidson). CINARA  
*Abies grandis*: Duncan. Jun 4/56.
- \*OREGONI Hottes & Essig. CINARA  
*Pinus albicaulis*: Westbank. Jun 29/62.
- ORNATUS Laing. MYZUS  
*Chrysanthemum morifolium*: Vancouver. Feb 12/58.  
*Viola tricolor*: Vancouver. Aug 6/66.
- PADI (Linnaeus). RHOPALOSIPHUM  
*Avena sativa*: Vancouver. Aug 29/57.  
*Prunus domestica*: Vancouver (UBC). May 23/56.  
*Scirpus* sp: Clearwater. Aug 29/71.
- \*PATRICIAE Robinson. MASONAPHIS  
*Tsuga heterophylla*: Vancouver. Jul 19/68 (Robinson, 1969).
- PERGANDEI (Wilson). CINARA  
*Pinus contorta*: Cascade. Jul 29/59.
- PERSICAE (Sulzer). MYZUS  
*Apium graveolens*: Creston. Apr 22/59.  
*Bidens cernua*: Vancouver. Sep 9/72.  
*Brassica oleracea* var *capitata*: Saanich. Aug 21/59.  
*Brassica oleracea* var *gemmifera*: Agassiz. Jul 14/59. Jul 29/60; Vancouver. Jul 18/58.  
*Chenopodium album*: Vancouver. Jul 7/56.  
*Cuscuta* sp: Vancouver. Jul 13/72 (in greenhouse); Vancouver (CDA). May 25/71 (in rearing room).  
*Galium aparine*: Langley. Apr 19 73.  
*Lactuca sativa*: Cloverdale. May 26/59. Aug 7/59. Aug 18/59; Oliver. Jun 3/56.  
*Prunus domestica*: Summerland. Aug 2/56.  
*Sisymbrium officinale*: Vancouver. Jul 21/68.
- \*PHILADELPHI MacGillivray. GLENDENNINGIA  
*Philadelphus gordonianus*: Agassiz. Jun 22/51 (MacGillivray, 1954).
- PISUM (Harris). ACYRTHOSIPHON  
*Lupinus* sp: Vancouver. no date.
- PANTAGINEA (Passerini). DYSAPHIS  
*Malus sylvestris*: Vancouver. Jun 27/72; Vancouver (UBC). Apr 27/72; Victoria. Jun 5/59.
- PLATANOIDES (Schrank). DREPANOSIPHUM  
*Acer macrophyllum*: Vancouver. May 21/73.  
*Acer platanoides*: Chilliwack. Jun 7/64.
- POMI DeGeer. APHIS  
*Cotoneaster* sp: Vancouver. Sep 15/72.  
*Crataegus* sp: Vancouver. Sep 19/56.  
*Malus sylvestris*: Vancouver. Jun 30/72.

- \*PONDEROSAE (Williams). CINARA  
*Pinus ponderosa*: Vernon. Jun 13/56.
- POPULICOLA (Thomas). CHAITOPHORUS  
*Populus* sp: Soda Creek. Jun 15/56.  
*Populus tremuloides*: Kamloops. Jul 1/36.  
*Populus trichocarpa*: Summerland. Sep 5/65.
- POPULIFOLII (Essig). CHAITOPHORUS  
*Populus trichocarpa*: Summerland. Sep 5/65; Vancouver. Aug 11/57; Vancouver (UBC). Jun 27/56.
- POPULIMONILIS (Riley). THECABIUS  
*Populus trichocarpa*: Princeton. Jul 28/67.
- POPULIVENAE Fitch. PEMPHIGUS  
*Lactuca sativa*: Agassiz. Jul 12/56; Chilliwack. Aug 10/59; Cloverdale. Jun 22/59.  
*Populus* sp: Cloverdale. Jun 15/59.
- PRUNI (Geoffroy). HYALOPTERUS  
*Prunus domestica*: Summerland. Sep 3/65.
- \*PSEUDAMBROSIAE Olive. DACTYNOTUS  
*Lactuca biennis*: Vancouver (UBC). Sep 1/72.
- PSEUDOTANIFOLIAE Palmer. CINARA  
*Pseudotsuga menziesii*: Cowichan Lake. May 12/56.
- \*PSEUDOTSUGAE (Wilson). CINARA  
*Pseudotsuga menziesii*: Shuswap Lake. Jun 11/59.
- PUNCTIPENNIS Zetterstedt. EUCERAPHIS  
*Betula occidentalis*: Keremeos. Jul 28/67.  
*Betula* sp: Burnaby. Apr 6/61; Lulu Island. May 4/65.
- QUADRITUBerculata (Kaltenbach). BETULAPHIS  
*Betula pendula*: Trout Creek. Sep 3/65.  
*Betula* sp: Chilliwack. Jul 21/59.
- \*RANDYKEI Wilson. CINARA  
*Picea sitchensis*: Nitinat Lake. Jun 10/56.
- RHAMNI Clarke. MACROSIPHUM  
*Rhamnus purshiana*: Vancouver. May 24/73; Victoria. May 20/73.
- \*RICHARDSI MacGillivray. MASONAPHIS  
*Anaphalis margaritacea*: Vancouver. Jul 19/68.
- RIEHMI (Börner). THERIOAPHIS  
Does not breed on *Medicago*: those previously recorded on *Medicago* were almost certainly strays from *Melilotus*.
- ROSAE (Linnaeus). MACROSIPHUM  
*Rosa rugosa*: Vancouver (UBC). Jul 15/59.  
*Rosa* sp: Milner. Jun 10/59; Soda Creek. Jun 15/56; Vancouver. Jan 7/57. Apr 23/66. Jun 21/67. Jul 21/57. Aug 18/72.
- \*ROSAE Richards. PSEUDOCERCIDIS  
*Rosa* sp: Ladner. Jun 7/56.
- \*ROSETTEI Maxson. ASIPHUM  
*Betula papyrifera*: Manning Park. Sep 7/65.
- RUBITOXICA Knowlton. AMPHOROPHORA  
Previously listed as RUBITOXICA (Knowlton) due to a typographical error.  
*Rubus vitifolius*: Chilliwack. Jun 25/66.
- RUSSELLAE Hille Ris Lambers. DACTYNOTUS  
*Anaphalis margaritacea*: Alice Lake. Jul 21/68.
- \*SABINAE (Gillette & Palmer). CINARA  
*Juniperus scopulorum*: Rutland. Jun 15/62.
- SALICIS (Linnaeus). PTEROCOMMA  
*Populus* sp: Soda Creek. Jun 15/56.
- SALIGNUS (Gmelin). TUBEROLACHNUS  
*Salix* sp: Vancouver. Sep/32.
- SAMBUCIFOLIAE Fitch. APHIS  
*Sambucus racemosa* var *pubens*: Vancouver. Jul 20/68.
- SANBORNII Gillette. MACROSIPHONELLA  
*Chrysanthemum morifolium*: Vancouver. Jun 29/58. Jul 27/58. Aug 22/58.
- \*SANGUICEPS Richards. PTEROCOMMA  
*Salix babylonica*: Vancouver. Jul 25/65 (Richards, 1967).  
*Salix* sp: Nanaimo. Aug 6/65; Terrace. Jul 5/60 (Richards, 1967).

- \*SASKENSIS Bradley. CINARA  
*Picea engelmannii*: Malakwa. Jun 14/62.
- SETOSA (Kaltenbach). CTENOCALLIS  
*Cytisus scoparius*: Victoria. Aug 25/71.
- \*SIJPKENSI Hille Ris Lambers. MACU-  
LOLACHNUS  
*Rosa* sp: Soda Creek. Jun 16 /56.
- SOLANI (Kaltenbach). AULACORTHUM  
*Apium graveolens*: Creston. Apr 22 /59.  
*Daucus carota*: Cloverdale. Jun 19/59.  
*Geranium* sp: Vancouver. Nov /68.
- \*SONATA Hottes. CINARA  
*Abies grandis*: Englishman River Falls  
Park. Jun 17/55.  
*Abies* sp: Tsawwassen. Jul 5/71.
- \*SPINOSUS Shimer. HAMAMELISTES  
*Betula* sp: Unknown location. Jun  
20/72.
- SPIRAEAE (MacGillivray). MASON-  
APHIS  
Previously listed as SPIRAEA due to a  
typographical error.
- SPLENDENS (Gillette & Palmer). CIN-  
ARA  
*Pseudotsuga menziesii*: Chilliwack. Jun  
8/64; Cowichan Lake. May 16/56.
- STANLEYI (Wilson). MACROSIPHUM  
*Sambucus racemosa* var *pubens*: Van-  
couver. Jul 20/68.
- TESTUDINACEA (Ferne). PERIPHYL-  
LUS  
*Acer circinatum*: Vancouver. May 24/  
73; Vancouver (UBC). May 21/73.  
*Acer macrophyllum*: Vancouver. May  
12/73. May 21/73.  
*Acer negundo*: Chilliwack. Jun 8 / 64;  
Vancouver. May 13/73.  
*Acer* sp: Vancouver. May 13/73; Van-  
couver (UBC). May 11/73.
- TETRARHODUS (Walker). CHAETOSI-  
PHON  
*Rosa* sp: Vancouver (UBC). Sep 19/56.
- \*THATCHERI Knowlton & Smith. CIN-  
ARA  
*Pinus ponderosa*: Okanagan Lake. Jun  
18/62.
- \*TRIRHODUS (Walker). LONGICAU-  
DUS  
*Aquilegia* sp: Vancouver. Sep 7/72.
- \*TSUGAE Bradley. CINARA  
*Tsuga heterophylla*: Cowichan Lake.  
Jun 6/56.
- \*VARIANS Patch. APHIS  
*Epilobium anagallidifolium*: Granite  
Falls. Jun 26/66.
- VERRUCOSA (Gillette). ALLAPHIS  
*Carex* sp: Vancouver. Sep 25 /72. Sep  
28/72.
- VIMINALIS Monell. CHAITOPHORUS  
*Salix* sp: Creston. Aug 13/58.
- \*WILSONI Hottes. ESSIGELLA  
*Pseudotsuga menziesii*: Campbell River.  
Jun 22/62.

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#### References

- Forbes, A. R., B. D. Frazer, and H. R. MacCarthy. 1973. The aphids (Homoptera: Aphididae) of British Columbia. 1. A basic taxonomic list. J. ent. Soc. Brit. Columbia **70**: 43-57.
- MacGillivray, M. E. 1954. A new genus and species of Aphidae (Homoptera) on *Philadelphus* sp. Canad. Ent. **86** (8): 346-348.
- Richards, W. R. 1967. The *Pterocomma* of Canada and Greenland with notes on the phyletic position of the Pterocommatini (Homoptera: Aphididae). Canad. Ent. **99** (10): 1029-1032.
- Robinson, A. G. 1968. Two new species of aphids (Homoptera: Aphididae) from Canada. Canad. Ent. **100** (3): 276-279.
1969. Four new species of aphids (Homoptera: Aphididae) from Western Canada. Canad. Ent. **101** (10): 1115-1120.